

ADE IT Modernization Effort Update



Presented to:
Data Governance Commission
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Agenda

- DGC Annual Report Review
- 2014 DGC Action Items
- Web Browser Policy
- Student Data Privacy
- Legislative Update
- Ed-Fi Mapping Follow-Up



Chris Kotterman

DGC ANNUAL REPORT REVIEW

2013 Commission highlights

- Impact-driven recommendations
 - Master Data Calendar
 - Refinements to data request
 - www.azed.gov/data
- Adoption of Policy Action Plan
- Provided direction on data privacy and security policy draft

A woman with brown hair and glasses is leaning over two young children, a girl with freckles and a boy, who are looking at a white tablet. The woman is wearing a dark blazer. The background is a light-colored wall with a white paper pinned to it. The overall scene suggests a classroom or educational setting.

Ed Jung/Mark Masterson

2014 DGC ACTION ITEMS

2014 action items

- Focus on Commission's high-priority policy initiatives
 - Data privacy policy finalization
 - Technology capability requirements as new AELAS components are delivered
 - The publication of standard and ad hoc reports for state and local level use on student achievement
- FY 2015 AELAS funding request
- Legislation on student-level data and data system



Ed Jung

WEB BROWSER REQUIREMENTS

Proposed web browser policy

- A.R.S. §15-249.01(C)(1)(b)
 - Establish guidelines related to technology
- Set the policy on web browser compatibility for ADE applications
- Multiple vendors and multiple versions
- Allows ADE to develop and deploy modern and secure web-based applications
- Scope
 - ADE-developed applications (new and legacy)
 - All end-users of ADE web-based applications
 - ADE procured applications

Proposed web browser policy

- ADE applications will support the following browsers and platforms:
 - Microsoft Internet Explorer (IE) on Microsoft Windows platforms
 - Apple Safari on Apple OS/X platforms
 - Google Chrome on Windows or OS/X
- ADE will support the latest main version of the browser along with up to two previous main versions
 - Vendor must continue to support them
 - Will be published on the ADE website
- Current versions
 - Internet Explorer (IE) 11, 10, 9, 8*
 - Safari 7.0.1, 6.11, 5.1.10
 - Chrome 32, 31, 30

Proposed web browser policy

- ADE will test new vendor releases to determine compatibility with ADE applications
 - Compatible new releases become the latest supported version, dropping oldest listed version
 - ADE will develop plan for Incompatible releases
- End users are required to use the latest patches on browsers
- Incompatible Applications
 - Non-compliant ADE applications will receive annual reviews to determine feasibility for mitigation
 - May include retirement or replacement of the non-compliant application
- Certain content on ADE applications may require additional software in order to be fully functional
- Exceptions must be approved by the Arizona Data Governance Commission



Chris Kotterman

STUDENT DATA PRIVACY POLICY

Family Educational and Privacy Rights Act (FERPA)

20 U.S.C. 1232g and 34 CFR Part 99

- An education record belongs to the student
- The right to control access to education records is held by a parent and/or an eligible student.
- Education records and personally identifiable information from education records **cannot** be disclosed without consent of the parent or eligible student, unless specific conditions are met.
- Arizona law incorporates federal law—covering any record maintained by ADE.

What is an education record?

- Records that are directly related to a student, and
- Maintained by an educational agency or institution or a party acting for an educational agency or institution. (34 CFR 99.3)

What is Personally Identifiable Information?

- The student's name;
- The name of the student's parent or other family member;
- The address of the student or student's family;
- A personal identifier, such as the student's SAID ID;
- A list of personal characteristics that would make the student's identity easily traceable; or
- Other information that would make the student's identity easily traceable.



Chris Kotterman, Aiden Fleming

LEGISLATIVE UPDATE



Mark Masterson

ED-FI MAPPING FOLLOW-UP

Project goals

- Provide a single source of data for all student information that can be utilized across program areas within ADE
- Eliminate duplicate data collections from the LEAs for all student information
- ADE will use an integration tool that gets consistent, standards-based data out of the disparate LEA systems by implementing Ed-Fi/CEDS
- Provide near real-time data collection instead of 40/100/EOY

Project scope

1. Identify data collection points (completed)
2. Map data elements to the Ed-Fi standard (completed)
3. Create SIS vendor specifications (in progress)
4. Document data processing and integrity business rules (in progress)
5. Develop Ed-Fi extractors (in progress)
6. Populate a Student Operational Data Store (starting 2/2014)

Arizona Education Data Standards (AzEDS)

- DGC directive to complete statewide implementation by beginning 2015 school year
 - Approve use of Ed-Fi for the ADE internal physical data model
 - Approve Ed-Fi as the single state education (K-12) physical data standard for bi-directional data interchanges
- Arizona's standards
 - Data elements, code tables, business rules and data validations needed to load LEA education data to ADE for state reporting
 - Begin with SAIS and STC reporting
 - XML-based standards conform to US Department of Education best practices
- ADE providing vendor-specific materials, resource materials, process guides and direct technical support
 - www.azed.gov/aelas/azeds
- Communication with vendor community and LEAs

Questions



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